Title (en)

Method for verifying correct data transfer to a video memory

Title (de)

Verfahren zur Überprüfung der korrekten Datenübertragung auf einen Videospeicher

Title (fr)

Procédé de vérification de transfert de données correct vers une mémoire vidéo

Publication

EP 2244188 A1 20101027 (EN)

Application

EP 09005800 A 20090425

Priority

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Abstract (en)

The invention relates to a method for verifying correct transfer of bitmap data (6 , 6') from a first memory, in particular a main memory (4), to a second memory, in particular a video memory (8), the method comprising: a) modifying at least one property of a number of pixels (12) selected from the bitmap data (6) in the first memory (4), the selection being performed in a random way, b) transferring the bitmap data (6) comprising the modified pixels (12) from the first memory (4) to the second memory (8), c) reading back the modified pixels (12') from the second memory (8), and d) comparing the read-back modified pixels (12') to the modified pixels (12) of the first memory (4) for verifying the correct transfer of the bitmap data (6, 6'). The invention also relates to a computer program product and to a computer system (1, 2) for implementing the method.

IPC 8 full level

G06F 11/14 (2006.01); **B61L 25/00** (2006.01)

CPC (source: EP)

B61L 25/06 (2013.01); **G06F 11/1443** (2013.01)

Citation (applicant)
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- DE 3411015 A1 19850926 - STANDARD ELEKTRIK LORENZ AG [DE]
- EP 0856792 A2 19980805 - ALSTHOM CGE ALCATEL [FR]
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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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